문제해결기법(13967005)

202135592 한웅재

소프트웨어

제출일: 2021. 10. 31

Q1. Group Average From File (p.24)

#define \_CRT\_SECURE\_NO\_WARNINGS// or scanf\_s

#include <stdio.h>

#include <math.h>

#include <stdlib.h>

#include <string.h>

#include <time.h>

#include <ctype.h>

#include <stdbool.h>

bool write\_file(const char \*fname,const char \*str) {

FILE\* pFile;

pFile = fopen(fname,"w");

if (pFile == NULL) {

printf("cannot open the file!\n");

return false;

}

fprintf(pFile, "%s", str);

fclose(pFile);

return true;

}

bool read\_file(const char\* fname) {

FILE\* pFile;

pFile = fopen(fname, "r");

if (pFile == NULL) {

printf("cannot open the file!\n");

return false;

}

int i;

int k;

int num;

double sum;

int group\_num = 1;

while (fscanf(pFile, "%d", &i)==1) {

sum = 0;

if (i < 10) {

for (k = 0; k < i; k++) {

fscanf(pFile, "%d", &num);

sum += num;

}

printf("Group Number[%d] Average : %.2lf\n", group\_num,(double)(sum/(double)k));

group\_num++;

}

}

fclose(pFile);

return true;

}

void main() {

char fname[] = "data.txt";

char str[] = "5 96 87 78 93 21 4 92 82 85 87 6 72 69 85 75 81 73";

write\_file(fname,str);

read\_file(fname);

}

텍스트이(가) 표시된 사진

자동 생성된 설명